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David C. Ripma, Reg. #27,672 (Depositor's name)  
(Signature)  
November 16, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,890	11/24/2003	Sheng Teng Hsu	SLA 0806	5148

TITLE OF INVENTION: 3D RRAM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	11/28/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, MAI HUONG C	2818	257-536000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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1 David C. Ripma

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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Sharp Laboratories of America, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Camas, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Date November 16, 2005

Typed or printed name

David C. Ripma

Registration No. 27,672

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